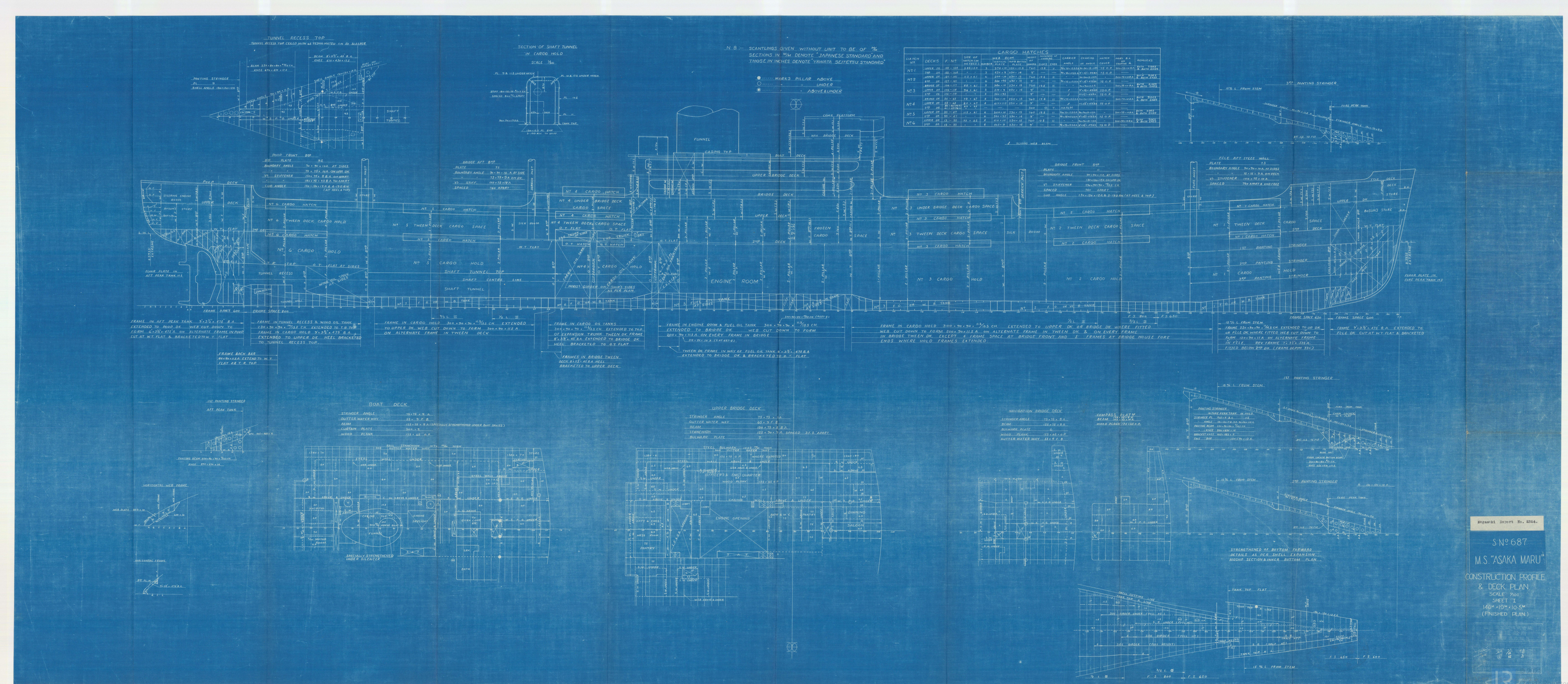






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DIMENSIONS GIVEN WITHOUT UNIT TO BE OF M/M.  
DIMENSIONS IN M/M. DENOTE " JAPANESE STANDARD "  
THOSE IN INCHES DENOTE "YAWATA SEITETSU STANDARD "

## UPPER DECK

## DECK

Nagasaki Report No. 2524

S. N° 687.

M.S. ASAKA MARU  
CONSTRUCTION MODEL

# CONSTRUCTION PROFILE & DECK PLAN

**DECK PLAN.**  
**SCALE 1/100**

SHEET II  
140<sup>M.</sup> x 19<sup>M.</sup> x 10.5<sup>M.</sup>

(FINISHED PLAN.)



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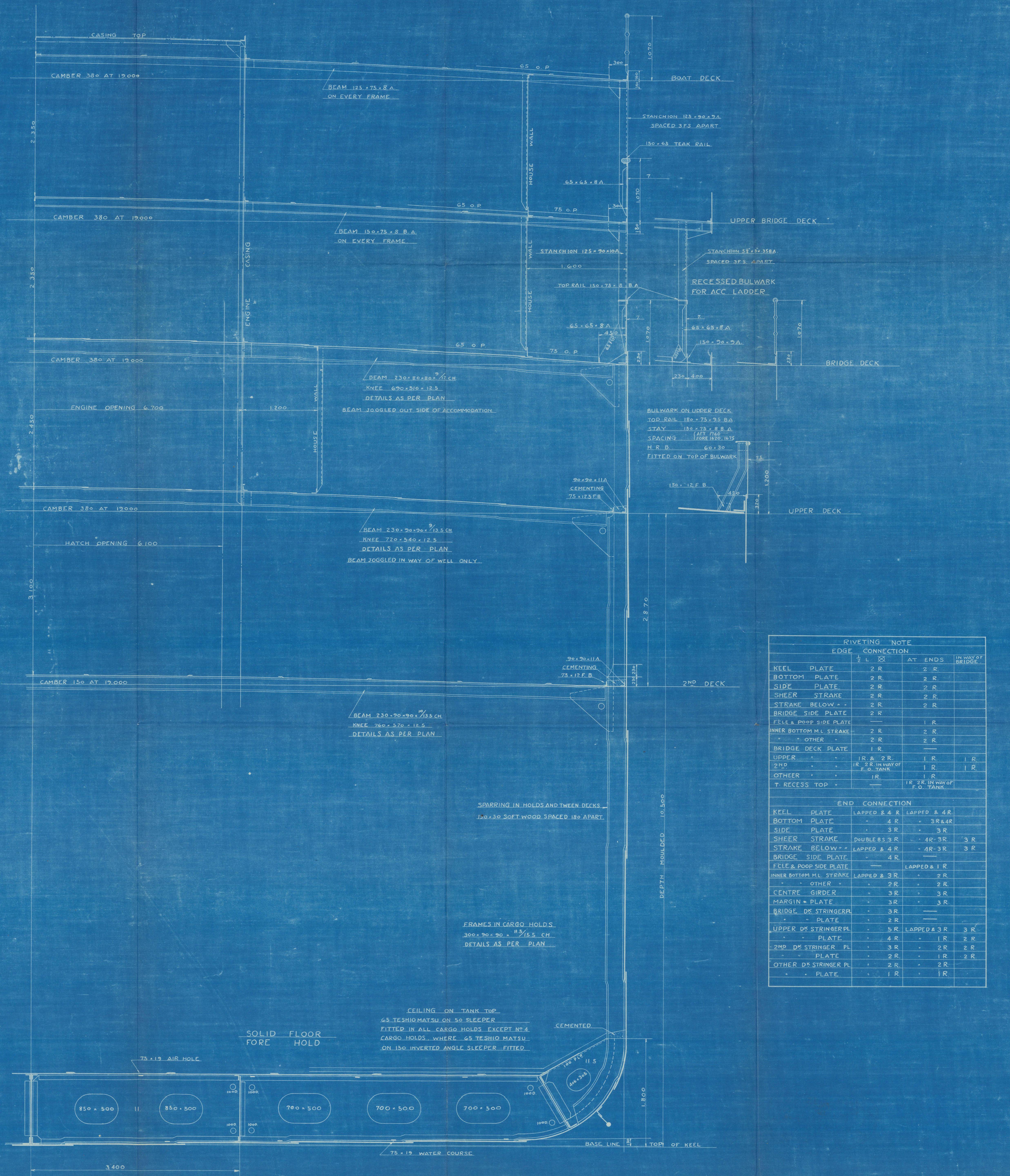
LLOYD'S CLASS 100A I

N.B. - SCANTLINGS GIVEN WITHOUT UNIT TO BE OF MM.  
SECTIONS IN MM DENOTE "JAPANESE STANDARD" AND  
THOSE IN INCHES DENOTE "YAWATA SEITETSU STANDARD".

PRINCIPAL DIMENSIONS	
LENGTH P.P.	L 140 M
BREATH MOULDED	B 17 M
DEPTH	TO UPPER DECK D 10.5 M
	TO BRIDGE DECK D' 12.95 M
DRAUGHT EXTREME	8.395 M
SCANTLING NUMERALS	
1ST LONGITUDINAL NUMERAL	L x D 1.470
2ND	L x (B+D) 4.130
PROPORTION TO UPPER DECK	7/10 13.33
	BRIDGE DECK 7/10 10.81
% OF LENGTH OF SUPER STRUCTURES TO L	54%
EQUIPMENT NUMBER	
L x (B+D)	(41 x (9 + 10.5)) = 415.5
ECL	10 x 2.0 x 3.6 = 23.46
POOP	7 x 2.0 x 3.6 = 16.05
BRIDGE DECK	56.5 x 4.5 x 3.6 = 106.37
" HOUSE	29 x 2.35 x 3.6 = 34.08
UPPER BRIDGE DECK HOUSE	28.6 x 2.35 x 3.6 = 33.61
BOAT DECK HOUSE	3.7 x 2.35 x 3.6 = 11.40
CASING TOP	11.2 x 3.0 x 3.6 = 1.68
HOSPITAL	4.0 x 2.30 x 3.6 = 4.6
SUM	4.384 M
EQUIPMENTS	
3 - BOWER ANCHORS STOCKLESS	COLLECTIVE WT 2.420
1 - STREAM ANCHOR ORDINARY	EX STOCK 1.195
STEEL CHAIN CABLE	350 M 640
STEEL RIBBON ANCHOR (SPECIAL FLEXIBLE)	325 M 380
TOWLINE STEEL WIRE (CERLIC FLEXIBLE)	240 M 440
HAWser (SPECIAL FLEXIBLE STEEL W.R.)	* 3.185 M * 240
WARP (MANILA)	4-195 M 650
	(SPECIAL FLEXIBLE STEEL W.R.) 3-2.195 M 220
* SPECIALLY INCREASED IN NUMBER AND SIZE TO OWNERS REQUIREMENTS	
FORGING & CASTING	
STEM: FORGED STEEL WITH FASHION PLATE	
A3 PER PLAN (RULE SIZE 260 x 70)	
STERN FRAME, STERN POST (RULE SIZE 280 x 225)	
Rudder (C. * 280 x 225)	
DETAILS AS PER PLAN	
KEEL & SHELL PLATING	
KEEL PLATE	1.340 x 2.5 ~ 20.5
BOTTOM	18 ~ 13
SIDE	17.5 ~ 12
BOSS	20
ECL SIDE PLATE	11
BRIDGE	16.5
POOP	10
SHEER STRAKE	1.960 x 2.8 ~ 12
STRAKE BELOW SHEER STRAKE	2.130 x 1.75 ~ 12
SHEER STRAKE DOUBLED AT BRIDGE ENDS WITH PLATE 17.5	
ENGINE CASING	
COAMING PLATE	7.5 (8.5 WHERE EXPOSED)
CASING	6.5
COAMING ANGLE	75 x 75 x 9 A
STIFFENERS	75 x 65 x 8 A OR 75 x 9 F B
SPACING	ABOUT 800

DOUBLE BOTTOM	
CENTRE GIRDERS	110 x 15.5 ~ 11.5
PLATE	180 x 10.5
KEEL ANGLE	20 x 40 x 11.5 A
GIRDER	130 x 150 x 15.5 A
TOP	20 x 50 x 11.5 A
VERTL.	20 x 50 x 11.5 A
PLATE	130 x 150 x 12.5 A
SIDE GIRDERS	90 x 90 x 11.5 A
TOP	50 x 75 x 11.5 A AS PER PLAN
VERTL.	75 x 75 x 10 A
PLATE	130 x 150 x 12 A
SOLID FLOOR	50 x 75 x 11.5 A
REV. FRAME	50 x 75 x 11.5 A
PLATE	130 x 150 x 12 A
FLOOR BOUNDARY A	50 x 75 x 12.5 A
STIFFENER	150 x 75 x 8.5 A
INNER M.L STRAKE	1380 x 19 ~ 11
BOTTOM OTHER	11.5 ~ 10.5 x 10
MARGIN PLATE	99.5 x 14
SHRINKAGE PLATE	10 x 10 x 10
TOP & BOTTOM A	130 x 150 x 15.5 A
N.B. ~ DETAILS OF ENGINE SEATING AND OPEN FLOOR	AS PER PLAN

DECK HOUSES	
UPPER DECK	BRIDGE DECK UP BRIDGE DK BOAT DECK
COAMING PLATE	7 8 7 6
HOUSE PLATE	6 7 6 6
COAMING ANGLE	75 x 75 x 8 A 130 x 150 x 9 A
TOP PLATE	75 x 75 x 8 A 130 x 150 x 9 A
ANGLE	75 x 75 x 8 A 130 x 150 x 9 A
STIFFENERS	75 x 9 F B 75 x 75 x 9 A
SPACING OF STIFF.	800
BILGE KEEL	
LENGTH	35.2 M (F.G. 9 - F.113)
PLATE	20 x 175 WITH 65 SOLID R.B. (WELDED)
CONNECTING BAR	130 x 150 x 12 A
DEPTH OF KEEL	350



SN 687

M.S. "ASAKA MARU"

MIDSHIP SECTION

SCALE 1/25  
140 M x 19 M x 10.5 M  
(FINISHED PLAN)

Handwritten notes and signatures are present on the right side of the drawing.



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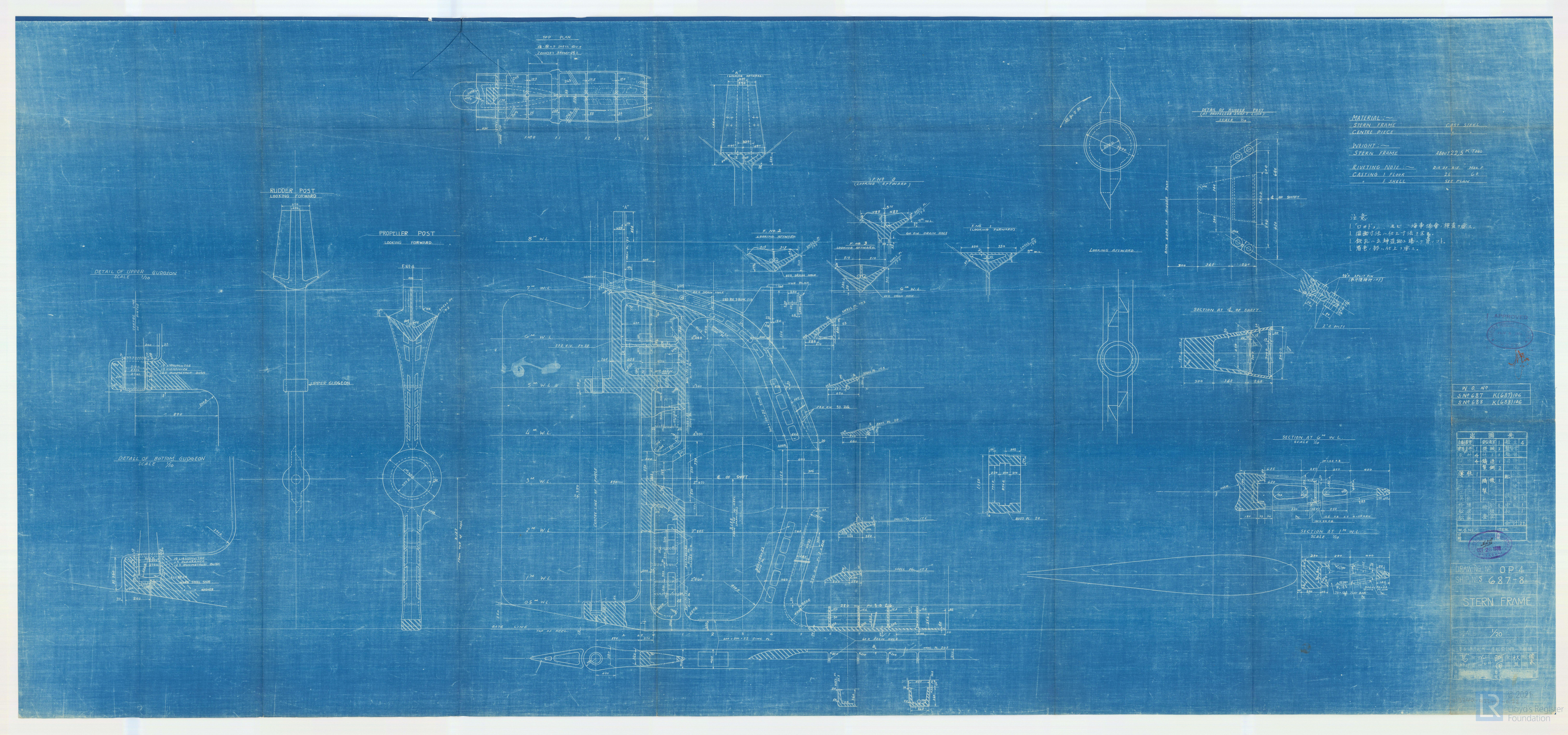
GENOVA 341

ASA KA MARU  
ANATA MARU

MITSUBISHI JUKOGYO KABUSHIKI KAISHA  
YARD. NOS. 68718.

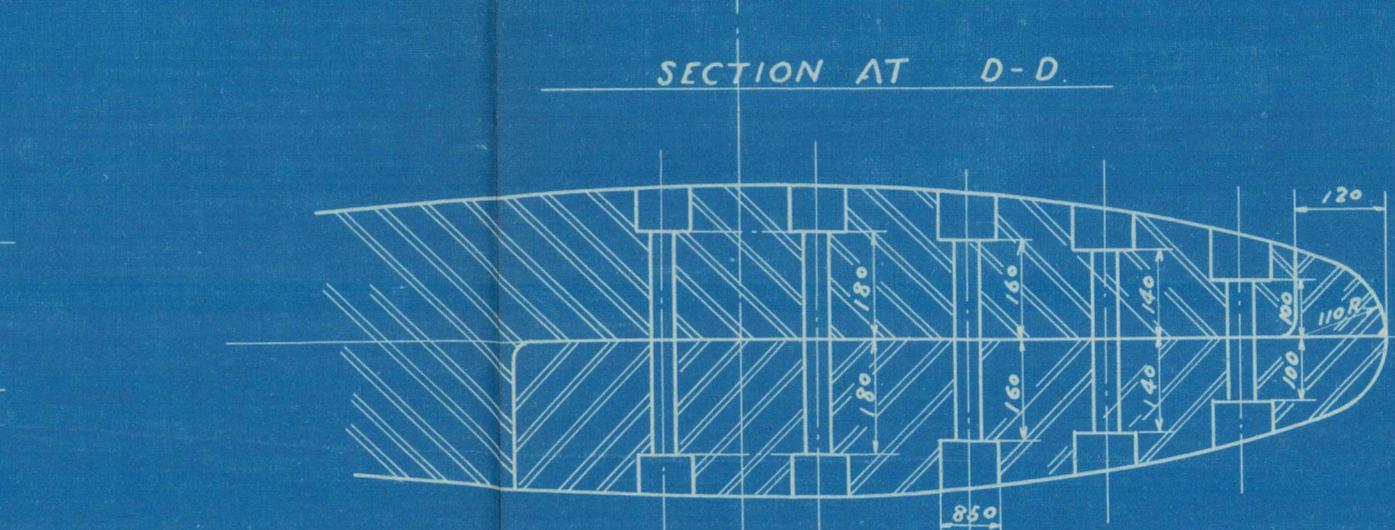


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013240-013244-0170



Nagasaki Report No. 2324

M.S "ASAKA MARU"

**Rudder**

SCALE  $\frac{1}{20}$   
DETAIL SCALE  $\frac{1}{10}$   
 $140^M \times 19^M \times 10.5^M$ .  
(FINISHED PLAN.)